

- (c) a polynucleotide complement of the polynucleotide of (a) or (b), and
- (d) a polynucleotide at least 90% identical to the polynucleotide of (a) or (b)

wherein said polynucleotide encodes a polypeptide that has mitogenic activity as determined by *Xenopus* oocyte maturation assay.

2. (Twice amended) An isolated nucleic acid molecule comprising 345 contiguous nucleotides from the coding region of SEQ ID NO:3.

3. (Twice amended) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide having an amino acid sequence from amino acid 1 to amino acid 115 or from amino acid 2 to amino acid 115 of SEQ ID NO:4, wherein said polypeptide has at least one conservative amino acid substitution, at least 90% identity with SEQ ID NO:4, and mitogenic activity as determined by *Xenopus* oocyte maturation assay.

14. (Twice amended) A composition comprising an isolated polynucleotide encoding a polypeptide comprising an amino acid sequence selected from the group consisting of:

- (a) an amino acid sequence from amino acid 4 to amino acid 50 of SEQ ID NO:4; and
- (b) an amino acid sequence at least 90% identical to said amino acid sequence of (a), wherein said polypeptide has mitogenic activity as determined by *Xenopus* oocyte maturation assay.